

APPENDIX A

123. An isolated polypeptide of any one of claims 202-203 which is a recombinant polypeptide.

132. A fusion protein comprising a polypeptide of any one of claims 202-203 and an additional amino acid sequence.

133. A fusion protein of claim 132, wherein the additional amino acid sequence comprises an *H. pylori* polypeptide.

149. A composition comprising a polypeptide of any one of claims 202-203 and a pharmaceutically acceptable carrier.

202. An isolated polypeptide comprising at least 10 consecutive amino acid residues of SEQ ID NO: 809, wherein said polypeptide comprises at least one epitope recognized by a T cell receptor specific for the polypeptide set forth in SEQ ID NO:809.

203. An isolated polypeptide comprising at least 10 consecutive amino acid residues of SEQ ID NO: 809, wherein said polypeptide comprises at least one antigenic determinant of the polypeptide set forth in SEQ ID NO: 809.

212. A composition comprising a fusion protein of claim 132 and a pharmaceutically acceptable carrier.

220. An isolated polypeptide of any one of claims 202-203 comprising at least about 12 consecutive amino acid residues of SEQ ID NO: 809.

221. An isolated polypeptide of any one of claims 202-203 comprising at least about 16 consecutive amino acid residues of SEQ ID NO: 809.

222. An isolated polypeptide of any one of claims 202-203 comprising at least about 20 consecutive amino acid residues of SEQ ID NO: 809.

223. An isolated polypeptide of any one of claims 202-203 comprising at least about 50 consecutive amino acid residues of SEQ ID NO: 809.

224. An isolated polypeptide of any one of claims 202-203 comprising at least about 100 consecutive amino acid residues of SEQ ID NO: 809.

225. **(New)** An isolated polypeptide consisting of at least 10 consecutive amino acid residues of SEQ ID NO: 809, wherein said polypeptide comprises at least one epitope recognized by a T cell receptor specific for the polypeptide set forth in SEQ ID NO:809.

226. **(New)** An isolated polypeptide consisting of at least 10 consecutive amino acid residues of SEQ ID NO: 809, wherein said polypeptide comprises at least one antigenic determinant of the polypeptide set forth in SEQ ID NO: 809.

227. **(New)** An isolated polypeptide of any one of claims 225-226 which is a recombinant polypeptide.

228. **(New)** A fusion protein comprising a polypeptide of any one of claims 225-226 and an additional amino acid sequence.

229. **(New)** A fusion protein of claim 228, wherein the additional amino acid sequence comprises an *H. pylori* polypeptide.

230. **(New)** A composition comprising a polypeptide of any one of claims 225-226 and a pharmaceutically acceptable carrier.

231. **(New)** A composition comprising a fusion protein of claim 228 and a pharmaceutically acceptable carrier.

232. **(New)** An isolated polypeptide comprising at least 10 consecutive amino acid residues of SEQ ID NO: 809 and no more than 148 amino acid residues of SEQ ID NO:809, wherein said polypeptide comprises at least one epitope recognized by a T cell receptor specific for the polypeptide set forth in SEQ ID NO:809.

233. **(New)** An isolated polypeptide comprising at least 10 consecutive amino acid residues of SEQ ID NO: 809 and no more than 148 amino acid residues of SEQ ID NO:809, wherein said polypeptide comprises at least one antigenic determinant of the polypeptide set forth in SEQ ID NO: 809.

234. **(New)** An isolated polypeptide comprising at least 10 consecutive amino acid residues of SEQ ID NO:809, which encodes an antigenic determinant.

235. **(New)** An isolated polypeptide comprising at least 10 consecutive amino acid residues of SEQ ID NO:809, which encodes an epitope.